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~ November 2012 ~

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Item ID Number 04231

Not Scanned

Author

Corporate Author

Report/Article Title Notes and memoranda: Disposal of Herbicide Orange -
Personnel and Bases

Journal/Book Title

Year 0000

Month/Day

Color

Number of Images 37

Description Notes Documents filed together in a folder labelled, "Disposal of
Herbicide Orange - Personnel and Bases"

MR. WAYNE E. VANDERVENTER

SAAMA/SFO

KELLY AFB, TEXAS 78241

AUTOVON 945-5613 ✓
945-1110 ←

① AVERAGE DIOXIN CONTENT OF DRUMS ? 3.3 ppm
18 SAMPLES
5.1 - 14 ppm
How much greater than 0.5 ppm ?

1.6 million 14,000 Drums - Gulf Port
25,200 Drums - Johnson Island
EGUN

② ANALYSES OF SOIL SAMPLES
FOR 2,4-D, 2,4,5-T & DIOXIN.

③ BRIEFING AT HQ USAF
2 JUNE

Destruction of Orange & Dioxin
AT 1000 C
MR. JERRY SAYLES
350-1110, EXT 32340
ROCKET PROPULSION LABORATORY
EDWARDS AFB, CA

0.1	8.4
0.4	14.0
0.1	0.2
0.2	4.15
0.1	3.9
6.8	3.7
6.5	0.7
9.1	
0.1	<hr/>
	3.26
0.1	
0.1	

Transportation
Control Numbers

Even Variation within
Manufacturers

KELLY AFB, TEXAS

MR. Nick Makris
CHEMIST - SAAMA/
KELLY AFB

Auto 945-5281 / 5390

MR. A.S. Niska
945-17434
- 6006*

DSMP

Miss Sweet
7138

Frank
Kamora

HIGGINS 945-17434

MR. MATHIS
945-4521

Col. Ralph Moulton
Dir. Aerospace Fuels

LT COL Don. Higgins
AFLC/SGP

Wright - PATTERSON AFB, OHIO
45433

Autovon: 787-6231 / 6728

(ASSISTANT: MAJOR PHIL SNEAD)

2 OCT.

[MAJ. AL PERRY
BIOENGINEER
Hill AFB 458-2557]

945-4501
Environmental
HEALTH LABS

DR. ROBERT SWANK
SE. ENVIRONMENTAL RESEARCH LAB
College Station Rd.
ATHENS, GEORGIA
30601

(Mr. Bill Donaldson - Mass
Spec. & GC EXPERT)

CALLED 22 SEPT 72

2,4-D, 2,4,5-7
& Dioxin (plus
degradation products)
400 SAMPLES ?

Dr. NEWTON
AFLC/DST
Low Dioxin
State OK!!

MEMO FOR RECORD

23 September 1972

SUBJECT: Phone Call (DFIS-34) to Dr. Robert Swank

TO: Colonel Carter

1. At the request of HQ AFIC and HQ USAF, Captain A. L. Young placed a long distance WATS call (DFIS-34) to Dr. Robert Swank, Environmental Protection Agency, Athens, Georgia. The phone call was in support of research on "Disposal of Herbicide Orange", GA 873-62.

2. The nature of the information (chemical data to be included in a special report to HQ AFIC) and the urgency of obtaining the data, interpreting them and forwarding a recommendation to HQ AFIC prior to the close of the working day (Friday, 22 Sep 72) resulted in a phone call of approximately 20 minutes.

3. Captain Young has queried HQ AFIC on the possibility of obtaining a special credit card number for use on such phone calls in the future.

ALVIN L. YOUNG, Capt, USAF
Associate Professor of Life Sciences
Special Consultant on Herbicide
Disposal to HQ AFIC, HQ USAF

Cys to: Lt Col Ward
Lt Col Kennedy

Faded header text, possibly a date or reference number.

Faded header text, possibly a name or title.

Faded line of text, possibly a subject line or address.

Faded line of text, possibly a recipient name.

First paragraph of faded body text.

Second paragraph of faded body text.

Third paragraph of faded body text.

Faded text at the bottom of the main body, possibly a signature or footer.

Handwritten text: Chemical Lab Person
Der
Highway Utah
84022

AFLC - WRIGHT PATTERSON

AL 691
PAYTON 1206

MR. SAM HEATON

HQ AFLC/DST

WRIGHT-PATTERSON AFB, OHIO

45433

Phone: Autovon → 78-77310

945-3906

78-77201

400
201000

HOME - 434-5858
MR KARL MARRELL

7877024
77305

Kelly AFB - Lab Air Officer
MR Snider
Col. Moulton
945-5509/3291

ARA (AeroSpace Research Lab)
Chemistry Division
WPADA
Dr. Michael Taylor
Dr. Tom TIERNAN →
Dr. TIERNAN
CC - Mass. Spec. Capability
AC 913-255-4869
Autovon 785-4869

~~Please Call~~
312-321
GREAT BOOK
before

KARL MARRELL
Bolling AFB
11/8/13
19/14/13

LT. Anthony Wachinski

TRT UZEXW RIV AAAAA448 2521548-UUUU--RUMTRBA. 16 50 '72

ZNR UUUUU

R 081540Z SEP 72 ZEX

RN AFLO

TO RUMKRIA SAAMA KELLY AFB TEX/DS/SF

RUMTRFA USAF ACADEMY DENVER COLO/DPLS

BT

UNCLAS DS

SUBJECT: HERBICIDE ORANGE DISPOSITION

THIS HQ HAS BEEN DESIGNATED AS THE RESPONSIBLE AGENT FOR HERBICIDE ORANGE DISPOSITION. A MEETING WILL BE HELD AT WPAFB COMMENCING AT 0900 HOURS, 14 SEP 1972 IN THE DCS/DS CONFERENCE ROOM, POST 1091, BUILDING 262. REQUEST EACH ADDRESSEE PROVIDE REPRESENTATION. NAMES OF ATTENDEES AND ACCOMMODATIONS DESIRED MAY BE TELEPHONED TO EITHER MR. H. F. HENDERSON OR MR. S. P. HEATON AT ALCOVN 78, EXTENSION 77310 OR 77201.

BT

#4448

HILL AFB, UTAH

OGDEN, UTAH

CONTACT MAN: ^{John} MR. HOLLY

PHONE: Anderson 458-5984

Scheduled VISIT TO HILL 9-11 August 72

9 AUGUST: MEET CE STAFF: MR. GENE CRANER
LT. WYSEINSKI

10 AUGUST: FIELD SURVEY OF HILL

HELICOPTER FLIGHT: MR. PRICE (AFLC)
LT WYSEINSKI
MR CRANER

11 AUGUST: 0930 BRIEFING TO
MAJOR GENERAL HOBAN

VOQ ARRANGED FOR

AFLC CONTACT PERSONNEL

MR. WALTER ADAMS
WRIGHT-PATTERSON AFB, OHIO
877-6027 / 6028

MR. PRICE
(SUPERVISOR of Mr Adams)

Lt Anthony M. Wachinski
DEEE-C

Hill AFB, Utah

84403

Auto ~~2082~~ 4582 2741
2089] 458-2741

home

621-3540

Establish Small Field Plots



FRIDAY 6 OCT 72

Major AL PERRY 458-2557 - 2558

Bioenvironmental Engineer:

2741

~~2928~~
2928

HEADQUARTERS
2849 AB Gp/DEEE
HILL AFB, UT 84406
UNITED STATES AIR FORCE
OFFICIAL BUSINESS

Tuesday night →

DR. ROBERT (BOB) GOULDING ✓

DEPARTMENT OF ENTOMOLOGY

ENVIRONMENTAL HEALTH SCIENCES CENTER

OREGON STATE UNIVERSITY,

CORVALLIS, OREGON 97331

→ 503 - 754 - 2814

753 - 9166

NEWTON

Trip to Alkali Lake 15 MAY 72

DFLS - 24 (22 MAX)

DFLS - 27 23 MAX

~~DFLS - 28~~

10 COPIES OF REPORT
Catalog Estimates
Breakdown Products?

VI - 137

VI - 140

HEADQUARTERS USAF

17 April 72

MAJOR JOHN BAYER

ENVIRONMENTAL PROTECTION GROUP

HEADQUARTERS USAF

WASHINGTON D.C.

HQ USAF (PREV)

WASHINGTON, D.C.

20330

AUTOVON 227-1147

225-6296

225-2634

- Biological disposal of military herbicides
- Soil Conditions -
 - pH (liming requirements?)
 - Organic MATTER (Sludge?)
 - Soil moisture
 - wind conditions.

Dugway Proving Grounds

AEC Site, NEVADA

HEADQUARTERS USAF

LT COL WILLIAM WARD
USAF/A/DPLS

MR CARLTON CARTER

~~Environmental Protection Group~~

~~HO (P)~~

WASHINGTON, D.C.

20330

RESEARCH STUDY

1. SENT 50 GALLONS OF AGENT ORANGE FROM AFLC TO GARDEN CITY, KANSAS
2. SEND \$1000 MIPR: CAPT A.L. YOUNG USAFA/DPLS
EXPENDITURES TO BE USED FOR SUPPLIES AND TRAVEL
3. SHOULD I NEED ADDITIONAL FUNDS !!

Mr. JERRY CONDRAY

GARDEN CITY EXPERIMENT STATION

EMINENCE ROUTE

GARDEN CITY, KANSAS

67846

SITE CONSIDERATION

1. DUGWAY
2. REC, NEVADA (NEILS AFB?)
3. LUKE AFB, ARIZONA

MR. NICK CARTER (BETTY)
OFFICE: 5B315, PENTAGON
HOME: 3621 14th South
Arlington, Virginia
703-920-4552

MEMO TO THE RECORD

SUBJECT: PILOT PROJECT - HERBICIDE DISPOSAL

1. ON 6 April 1972 I received a phone call from Major John Bayer, Environment Protection Group, Hq. USAF, Washington, D.C., concerning the use of soil incorporation as a technique for biological disposal of the military herbicide "Orange". He requested information on necessary soil conditions and asked if I thought ~~that~~ the Desert Test Center, Utah, would suffice for initial ~~test~~ feasibility tests. I indicated that this ~~area~~^{site} would not be a good ~~choice~~; more especially if he were interested in obtaining data by 15 June 1972.

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON, D.C.



REPLY TO
ATTN OF: LGS

26 APR 1972

SUBJECT: Disposal of Herbicide Orange

TO: USAF Academy (DFLS)

ATTN: Col Carter

1. The Air Force is charged with responsibility for ecologically safe disposal of approximately 2.3 million gallons of Herbicide Orange. Initially, high temperature incineration by CONUS commercial operators was proposed. However, there have been adverse reactions on the part of certain state environmental agencies which may preclude this course of action. Therefore, we are making an in-depth survey of all other disposal alternatives which are considered practicable.

2. One disposal method which we are seriously considering is soil biodegradation. It is our understanding that Captain Alvin L. Young of your staff has considerable expertise in this area and the benefit of his assistance in properly evaluating this alternative would be appreciated. Specifically, we would like to have Captain Young excused from his regular duties for a period of several days temporary duty beginning on or about 14 May 1972. During this period, Captain Young would determine the degree of success of a herbicide soil biodegradation effort now in progress in Oregon. He would then proceed to Dugway Proving Grounds, Utah, to review an experiment currently in progress and to survey the area for possible use as a disposal site. He would then visit the Atomic Energy Commission's Las Vegas, Nevada Test Range to determine its potential as a disposal area. A report of Captain Young's findings and recommendations should then be submitted to this headquarters for use in securing Environmental Protection Agency approval for disposal of our herbicide by soil biodegradation.

3. An early reply indicating your approval of the foregoing is requested. Funds to cover related costs have been provided by Air Force Logistics Command.

FOR THE CHIEF OF STAFF

FRED I. CHANATRY
Colonel, USAF
Assistant for Automation
Directorate of Supply & Services

Copy to: AFLC (DST)
SAAMA (SF)



AEC

Mr Donald WAYNE SHERWOOD
NEVADA OPERATIONS OFFICE
Atomic Energy Commission
Peaceful Applications Division

702-734-3251

P.O. Box 14100

Las Vegas, NEV. 89114

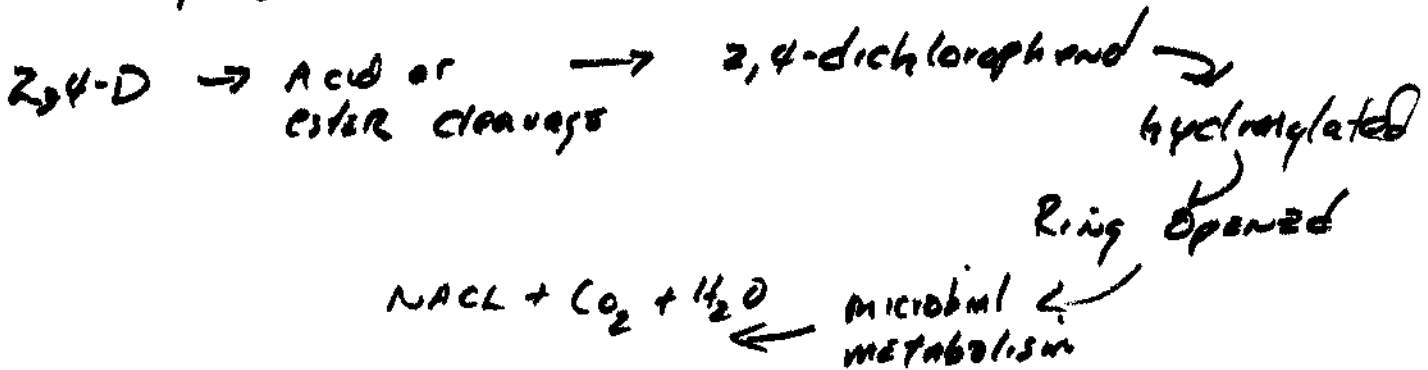
MAY

DFLS-3

DFLS-7

CHEMICAL vs Biological Degradation

1. Soil pH
2. Organic MATTER
3. % SAND, S.I.T., & CLAY
4. WATER Availability - Contamination?
5. HERBICIDE Volatility
6. Depth of HOLE (SITE IS A 'Explosion chimney'!!)
7. GRASS COVER on PLOTS
8. GEOLOGY of the AREA. → DESERT RESEARCH INST.
9. WIND CONDITIONS



USAF Form 13

YOUNG, ALVIN L.
CAPTAIN
520-44-1612 FR

GREEN Form 22517
REC Form 47
297
Form 277
682-2446

Degree of Clearance "SECRET" IGLSE
Agency Conducting Investigation DOD NACC
DATE OF Clearance 19 FEB 69
MRS LINDBERG
4506

LOCATION OF INVESTIGATIVE REPORT Ft Holabird, Md
Clearing Authority HQS ADTC, Eglin AFB, FLA
Division of Military Applications

USAF check - 30 Aug 71
by IGSLE/472-2955

Atomic Energy Commission
NEVADA OPERATION OFFICE
Peaceful Applications Division
ATTN: Mrs Phyllis Rapp
702-734-3885
LOS VEGAS, NEVADA
DAS-12
Visitor Control
Security
Verification
Mr. Donald Sherwood -
16 MAY

DEPARTMENT OF MILITARY APPLICATION (DMA)
GERMANTOWN, MARYLAND

301 973-4376

MR. FRANK BIENIK

FIELD COMMAND
ALBUQUERQUE, NM

829-1314
946-6626

MISS SIMMONS

NEVADA
DDO CONTROL TEST SITE

986 9692 CAPT. STEPENNE

AEC CONTROL NEVADA TEST SITE

986 0082 VIRGIL SIMPSON

FROM YOUR CONTACT, SIGMA NO & AREA NO.

Sgt. Whit

SIGMA 11 AND 12
Area NO.

NO WEAPONS SYSTEMS
involved.

Nevada Test Site
" Nevada Op. Office

Geology, hydrology & ~~hydrology~~ meteorology
of potential disposal
site. For Herbicide Orange
By Telephone. with Sheward



NEVADA OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
P.O. Box 14100
LAS VEGAS, NEVADA 89114

R. L. GOTCHY, Ph.D.
OFFICE OF PEACEFUL NUCLEAR EXPLOSIVES

OFFICE
(702) 734-3251

RESIDENCE
(702) ~~648-3420~~
648-3420

ROUTING AND TRANSMITTAL SLIP		ACTION
1 TO (Name, office symbol or location) <i>DFLS/Dept Young</i>	INITIALS	CIRCULATE
	DATE	COORDINATION
2	INITIALS	FILE
	DATE	INFORMATION
3	INITIALS	NOTE AND RETURN
	DATE <i>9 May</i>	PER CON- VERSATION <input checked="" type="checkbox"/>
4	INITIALS	SEE ME
	DATE	SIGNATURE
REMARKS		
<p>Do NOT use this form as a RECORD of approvals, concurrences, disapprovals, clearances, and similar actions.</p>		
FROM (Name, office symbol or location) <i>DFSFA/SSgt Benning</i>	DATE	<i>10 May 72</i>
	PHONE	<i>3871</i>

UNITED STATES ATOMIC ENERGY COMMISSION
REQUEST FOR VISIT OR ACCESS APPROVAL
(Not to be used for temporary or permanent personnel assignments.)
PART "A"

To: _____ Date: _____
From: _____ Symbol: _____

It is requested that the following person(s) be granted visit/access approval:

LAST NAME, FIRST, MIDDLE INITIAL	CHECK		DATE OF BIRTH	ORGANIZATION	TYPE CLEARANCE	CLEARANCE NO.	DATE OF CLEARANCE
	U. S. CITIZEN	ALIEN					
Young, Alvin L. Capt, USAF 520-64-1612 Asst Professor	X		8/3/42	USAF Academy (DFLS)	Secret		19 Feb '69
NAME OF FACILITY(IES) TO BE VISITED: Nevada Operations Office Nevada Test Site				FOR THE INCLUSIVE DATES: 16 May 1972		AEC Security Official Verifying AEC Clearance	

FOR THE PURPOSE OF: **To evaluate potential sites for the soil disposal of herbicide orange**

TO CONFER WITH THE FOLLOWING PERSON(S):

Mr. Donald W. Sherwood, Peaceful Applications Division, Nevada Operations Office

SPECIFIC INFORMATION TO WHICH ACCESS IS REQUESTED:

Geological, hydrological and meteorological data of potential disposal sites

Prior arrangements have/have not been made as follows:

by telephone with Mr. D. W. Sherwood, 702-734-3251

Access requested to:
Restricted Data Yes No
Other classified info Yes No

CERTIFICATION FOR PERSONNEL HAVING DOD CLEARANCE

This certifies that the person(s) named above needs this access in the performance of duty and that permitting the above access will not endanger the common defense and security.

WILLIAM T. WOODYARD, Brig Gen, USAF
Name and Title, Requesting DOD Official

FOR THE SUPERINTENDENT

Dean of the Faculty
Title, Authorizing DOD Official
(See DOD Directive 5210.2 and 5210.8)

William T. Woodard
Signature

(See AR 380-150; OPNAV 5510.3F; AFR 205-1)

CERTIFICATION FOR PERSONNEL HAVING AEC CLEARANCE

This certifies that the person(s) named above needs this access in the performance of duty.

Title

Requesting AEO or DOD Official

PART "B"

Approval is granted with limitations indicated below:

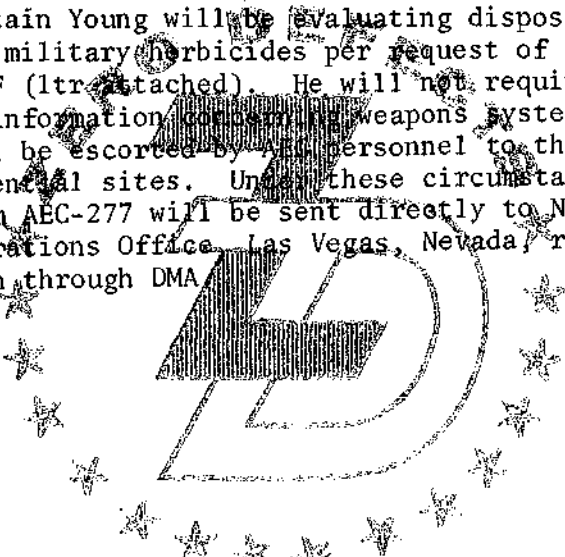
Manager of Operations/or Headquarters Division Director

RW

MEMO ROUTING SLIP		Never Use for Approvals, Disapprovals, Concurrences, or Similar Actions		ACTION	
1	TO DFSFA	INITIALS	CIRCULATE		
		DATE	COORDINATION		
2			FILE		
			INFORMATION		
3			NOTE AND RETURN		
			PER CONVERSATION		
4			SEE ME		
			SIGNATURE		

REMARKS

Captain Young will be evaluating disposal sites for military herbicides per request of Hqs USAF (1tr attached). He will not require access to information concerning weapons systems. He will be escorted by AF personnel to the potential sites. Under these circumstances, Form AEC-277 will be sent directly to Nevada Operations Office, Las Vegas, Nevada, rather than through DMA.



Handwritten signature/initials

FROM PETER B. CARTER Colonel, USAF, MC FS Professor & Head, DFLS	DATE 9 May 72
	PHONE 3860

H. R. Johns

Asplundh Company

Jenkinstown, Penn

19046

215-887-2500

TRS

Dr Kenneth Carver

Silviculture Professor

West Virginia Univ.

Morgantown, Penn.

TONY - Tuesday

695.F20 - 930 →

- Blue Collar Types -

Rabbits - Perles



- OPERATORS AT
Rohm & Hass
STIRRING-UP THE
WORM bucket.



- Feasibility Study -

-

① Dr. Michael Newton
Use of Orange for
Oregon &/or BLM

② Dr. Joseph Marlow
Princeton, Ill
- Rudy-Patrick Company
815-872-1612

③ Dr. Achorn
Pine Bluff, Arkansas

STRAIN of Bacteria ~~to~~
degrade Orange in a
vat technique

Phone Autovan: 966-2000
(INFO).

DUGWAY PROVING GROUNDS

DESERT TEST CENTER

Lt Col RICHARD G. FRANCEY ^{THOMAS}
 AF LIAISON OFFICER ^{JOHN NELSON}
 DESERT TEST CENTER ^{DAVE WRIGHT}
 Building 100, Soldier's Circle
 Fort Douglas, Utah 84113

DESERT TEST CENTER
 ATTN PC/AFLO
 FORT DOUGLAS, UTAH
 84113

→ Col. Sullivan

AUTOVON 924-4280

17 MAY 72

DR. KENNETH M. BRAUNER
 CHEMICAL DIVISION
 AUTOVON 789-5705

→ DR. ROYEN ^{BOBA} → 524-4126
 → Bldg 100 / 4th South

- * Feasibility of using Dugway as a disposal site
- * Laboratory Study by Dr. BRAUNER.

30°F - 10 WEEKS 200 ^{unamended} / 1000 lbs / 1% amended with

SECURITY - DUGWAY

Sgt Kyle's
 1789-3561

May Wright Salt Lake
 924-4280

Dr. Adams
 John Whitman
 1789-5610

Dr. Solomon
 1789 5116
 Max Garbat
 1789-5193

land at Michael's Field.

DESERT TEST CENTER

Dr. Mortimer A. Rothenberg

Scientific Director

STEPC - SC (S)

DESERT TEST CENTER

Building 100, Soldiers' Circle

FORT DOUGLAS, UTAH 84113

Phone: 924-4124

COMPOSITION OF HERBICIDE DISPOSAL (TEAM) COMMITTEE

EPA -

NASA -

USDA - Dr. WARREN SHAW

DOD - Dr. ALFRED HAYWARD

USDI -

NDA - Dr. JOHNSTON & CAPT LEWIS WORTHING (USN)

* ARMED FORCES PEST CONTROL BOARD - Col. HERBERT BELL

* CHAIRMAN OF COMMITTEE

DR. K. C. EMERSON

DEPARTMENT OF THE ARMY

SPECIAL ASSISTANT FOR LIFE SCIENCES

Rm 3E 379, PENTAGON

WASHINGTON, D. C., 20330



Martin J. Houle

Chem. Lab. Div.

Deseret Test Center

Dirgway, Utah 84022

ROBERT SEAMANS
SEC. AF

Col. F.I. CHANDLER
78265

UNDER SEC.
JOHN M. LUCAS

MAJ. GENERAL BLANK
MAJ. GENERAL SHAWLEY

PL313 Asst. Secy of AF (Installations & Logistics)

GS-177

DEPT FOR SUPPLY & MAINTENANCE
LLOYD K. ROSEMANN II

DR. K. C. EMERSON

DEPARTMENT OF THE ARMY

SPECIAL ASSISTANT FOR LIFE SCIENCES

Rm 3E379, PENTAGON

PHONE (AUTOCON): 57674

DR. ALFRED HAYWARD

DEPARTMENT RESEARCH & ADVANCED TECHNOLOGY

ASSISTANT DIRECTOR OF ENVIRONMENT LIFE SCIENCES

Rm 3D129, PENTAGON

PHONE (AUTOCON) 59604

Col. Bill ~~DIEMORE~~

Rocky Mtn Arsenal

INCINERATION *

Dr. Emerson →

Mrs. Neil's
late of E.E.

Dr. Gebel.



DESERET TEST CENTER
BUILDING 100, SOLDIERS' CIRCLE
FORT DOUGLAS, UTAH 84113.

STEPD-PC-L(S)


28 APR 1972

SUBJECT: Biological Degradation of ORANGE Herbicide

USAFA

Attn: DFIS Col Peter B. Carter
Professor of Life and Behavioral Science
United States Air Force Academy, Colo. 80840

Air Staff (AF/PREV) recently requested we investigate the possibility of disposing of ORANGE via biological degradation at Dugway Proving Grounds. Because our experience with ORANGE is limited while Captain Alvin S. Young of your organization has extensive experience, we request he assist us from time to time on a consulting basis.


Richard G. FRANCEY
LTCOL, USAF
Air Force Liaison Officer

Deseret Test Center
Building 100, Soldier's Circle
Fort Douglas, Utah 84113

STEPD-PC-L(B)

28 APR 1972

SUBJECT: Biological Degradation of ORANGE Herbicide

USAF

Attn: DPIS Col Peter B. Carter
Professor of Life and Behavioral Science
United States Air Force Academy, Colo. 80840

Air Staff (AF/PREV) recently requested we investigate the possibility of disposing of ORANGE via biological degradation at Dugway Proving Grounds. Because our experience with ORANGE is limited while Captain Alvin S. Young of your organization has extensive experience, we request he assist us from time to time on a consulting basis.

Richard G. FRANCEY
LTCOL, USAF
Air Force Liaison Officer

STEPD-CP(S)
524-4352
STEPD-CP-F(D)
522-2022
STEPD-CP-I(D)
522-2531
STEPD-CP-B(S)
524-4352

MANAGEMENT INFORMATION SYSTEMS OFFICE
Chief, Mr. Sam Efnor, Jr.
TECHNICAL FUNCTIONS SUPPORT OFFICE
Chief, Mr. Roy V. Keeling
ANALYSIS AND PROGRAMMING DIVISION
Chief, Mr. Barnett W. Swick
DATA PROCESSING DIVISION
Chief, Mr. Peter K. Gillespie

STEPD-MI(S)
524-4271
STEPD-MI-T(S)
524-4271
STEPD-MI-A(S)
524-4271
STEPD-MI-D(S)
524-4271

NS AND STUDIES DIRECTORATE
Director, Capt Stanley Montunnas, USN
Deputy Director, Mr. Earl W. Bachtell
ANALYTICAL STUDIES DIVISION
Chief, Mr. M. J. Ludlow
LOGICAL DEFENSE DIVISION
Chief, Dr. J. C. Spendlove
CHEMICAL SYSTEMS DIVISION
Chief, Mr. Douglas G. Boyle
ABILITY EVALUATION DIVISION
Chief, Mr. Reginald Kendall

STEPD-PS(S)
524-4237
524-4237
STEPD-PS-A(S)
524-4366
STEPD-PS-B(S)
524-4101
STEPD-PS-C(S)
524-4151
STEPD-PS-S(D)
522-5410

TEST OPERATIONS DIRECTORATE
Director, Mr. Clair B. Olsen
Deputy Director, LTC John O. Stewart, USA
Deputy For Technology, Dr. Lothar L. Salomon
ADMINISTRATIVE AND SCHEDULING OFFICE
Chief, Mr. Raymond L. Russell
LIFE SCIENCES LABORATORY DIVISION
Chief, Dr. A. Paul Adams
CHEMICAL LABORATORY DIVISION
Chief, Dr. Kenneth M. Brauner
METEOROLOGY DIVISION
Chief, Mr. Frederick L. Horning
RANGE OPERATIONS DIVISION
Chief, Mr. William S. Harmon
TEST DIVISION
Chief, Mr. Melvin J. Bushnell

STEPD-TO(D)
522-5416
522-5416
522-5416
STEPD-TO-A(D)
522-5617
STEPD-TO-B(D)
522-5616
STEPD-TO-C(D)
522-5705
STEPD-TO-M(D)
522-5118
STEPD-TO-R(D)
522-5121
STEPD-TO-T(D)
522-5614

COMPANY **STEPD-HH(D)**
Liedermeyer, USA 522-3535

IRITY OFFICE
Chief, LTC Duane A. Gelster, USA
Douglas Guards
LLIGENCE DIVISION
Chief, CPT Dale L. Nichols, USA
VOST MARSHAL DIVISION
Vost Marshal, CPT Robert R. Tait, USA

STEPD-SO(D)
522-3561
524-4215
STEPD-SO-I(S)
524-4215
STEPD-SO-P(D)
522-2636

FORCE **STEPD-PT(D)**
E, USA 522-2050
522-2050
STEPD-PT-C(D)
522-2181

9 JANUARY 1972

NOTE 1. This does not constitute an official organization chart of Deseret Test Center.

2. Changes to this chart will be addressed to Chief, Force Development Division.

Telephone Area Code - 801

AUTOVON (AUTOMATIC VOICE NETWORK)

DTC, Fort Douglas (Prefix 524-)

DESERET TEST CENTER

PERSONAL STAFF

OPPORTUNITY OFFICER **STEPD-EO(S)**
 USA (Acting) 522-5431

McNamara **STEPD-IO(S)**
 524-4114

USA **STEPD-MD(S)**
 524-4116

OFFICE **STEPD-JA(D)**
USA 522-2255

COMMANDING GENERAL
 BG Max Etkin, USA
DEPUTY COMMANDER
 Col Robert Muldrow, USAF
CHIEF OF STAFF
 LTC R. E. Coursin, USA
COMMAND SGT MAJOR
 CSM Harold L. Hoard, USA
SCIENTIFIC DIRECTOR
 Dr. Mortimer A. Rothenberg

STEPD-CG(S)
 524-4123
STEPD-DC(S)
 524-4124
STEPD-CS(S)
 524-4124
STEPD-SM(D)
 522-2551
STEPD-SC(S)
 524-4124

PROJECT MANAGER
 LTC Duane M.

PROGRAM CONTROLLER
 Chief, LTC Paul
 Assistant Chief
SERVICE LIAISON
 Army, MAJ Ira
 Navy, LCdr Ric
 Air Force, Lt C
 Marine, LTC T

Assistant
DIVISION
 USA

 Russell
ION DIVISION

STEPD-AD(S)
 524-4296
STEPD-AD-A(D)
 522-2525
STEPD-AD-D(D)
 522-2501
STEPD-AD-P(D)
 522-2653

COMPTROLLER OFFICE
 Compt, Mr. William M. Riley
 Deputy Compt, Mr. James K. Healy
FINANCE AND ACCOUNTING DIVISION
 Chief, Mr. Stanley H. McAllister
INTERNAL REVIEW DIVISION
 Chief, Mr. Laurence R. Potts
PROGRAM BUDGET DIVISION
 Chief, Mr. Frank J. Bush

STEPD-CP(S)
 524-4352
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STEPD-CP-F(D)
 522-2022
STEPD-CP-I(D)
 522-2531
STEPD-CP-B(S)
 524-4352

MANAGEMENT
 Chief, Mr. Sam
TECHNICAL FUNCTIONS
 Chief, Mr. Roy
ANALYSIS AND
 Chief, Mr. Bar
DATA PROCESSING
 Chief, Mr. Pete

ANALYTICAL SERVICES

MR. ERNEST KING
FUELS LABORATORY
DET. 13 SAAMA/SFOLA
WRIGHT-PATTERSON AFB, OHIO
45433

REMARKS

DETACHMENT 13 SAAMA/SFOLA
ATTN: MR O'SHAUGHNESSY
BUILDING 170, AREA B
WRIGHT - PATTERSON AFB, OHIO
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AFSC - EDWARDS AIR FORCE BASE,
CALIFORNIA

AI
MR. White, Environmental Engineer
Civil Engineering, Bldg 3500

AUTOVON: 350-2910/2913

EDWARDS AFB, CALIFORNIA

Fly to PALM DALE - Drive to LANCASTER via
SIERRA Highway. Turn on AVE I and
go 15 blocks to FREEWAY ENTRANCE to "MOJAVE
& EDWARDS AFB" via Highway 14. Go 11 miles
to ROSEMAN. Go 18 miles ON ROSEMAN
Blvd to EDWARDS. No Gate, just a sign -
proceed to Bldg 3500 on LEFT SIDE of
ROSEMAN Blvd.